

WHAT IS CLAIMED IS:

5 1. A wrapper for a smoking article wherein tobacco is contained by the wrapper, the wrapper comprising a cellulosic web material and at least one filler therein, the filler being effective to reduce the content of gaseous components in the smoke produced upon combustion/pyrolysis of the smoking article.

2. The wrapper according to Claim 1, wherein the filler includes an ammonium-containing compound filler in an amount effective to reduce aldehyde content in the mainstream smoke produced upon combustion/pyrolysis of the smoking article.

10 3. The wrapper according to Claim 1, wherein the filler includes an inorganic compound selected from the group consisting of inorganic carbonates, inorganic hydroxides, inorganic oxides, and inorganic phosphates.

4. The wrapper according to Claim 2, wherein the ammonium-containing compound filler is magnesium ammonium phosphate or one of its hydrates.

15 5. The wrapper according to Claim 1, wherein the filler ranges from about 10% to about 60% by weight based on the total weight of the wrapper.

6. The wrapper according to Claim 1, wherein the wrapper comprises cigarette paper having a single layer or multilayers.

7. The wrapper according to Claim 1, having a basis weight of between about 15 g/m² to about 75 g/m², and a porosity of between about 2 CORESTA units to about 200 CORESTA units.

5 8. The wrapper according to Claim 1, having a basis weight of between about 20 g/m² to about 50 g/m², and a porosity of between about 10 CORESTA units to about 110 CORESTA units.

9. The wrapper according to Claim 1, wherein the wrapper includes from about 2% to about 15% by weight of a burn additive.

10 10. The wrapper according to Claim 9, wherein the burn additive is an alkali metal salt of an acid.

11. The wrapper according to Claim 10, wherein the alkali metal salt of an acid is at least one member selected from the group consisting of sodium fumarate, sodium citrate, potassium citrate, potassium succinate, potassium monohydrogen phosphate, and potassium dihydrogen phosphate.

15 12. The wrapper according to Claim 2, wherein the ammonium-containing compound filler is an inorganic ammonium metal salt.

13. The wrapper according to Claim 2, wherein the amount of the ammonium-containing compound ranges from about 20% to about 50% by weight based on the total weight of the wrapper.

20 14. The wrapper according to Claim 1, wherein the wrapper comprises cigarette paper and the cellulosic material comprises plant fibers.

15. The wrapper according to Claim 2, wherein the ammonium-containing compound filler is a solid solution of magnesium ammonium phosphate and magnesium potassium phosphate or any of their respective hydrates.

5 16. The wrapper according to Claim 2, wherein the ammonium-containing compound filler comprises at least one of the mineral phases dittmarite, struvite, hannayite, schertelite, mundrabillaite and swaknoite.

17. The wrapper according to Claim 2, wherein the ammonium-containing compound filler includes at least two different ammonium-containing compounds.

10 18. The wrapper according to Claim 1, wherein the wrapper comprises cigarette paper surrounding a rod of cigarette tobacco.

19. The wrapper according to Claim 1, wherein the gaseous component whose content is reduced by the presence of the filler during combustion/pyrolysis of the smoking article includes at least one low molecular weight aldehyde.

15 20. The wrapper according to Claim 1, wherein the wrapper is perforated and/or includes a film forming agent.

21. A cigarette comprising a tobacco rod contained by a paper wrapper and an optional filter at one end of the cigarette, the paper wrapper comprising a cellulosic web material and at least one filler therein, the filler being effective to reduce the content of gaseous components in the smoke produced by combustion/pyrolysis of the cigarette.

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22. The cigarette according to Claim 21, wherein the filler includes an ammonium-containing compound filler in an amount effective to reduce aldehyde content in the mainstream smoke produced upon combustion/pyrolysis of the cigarette.

5 23. The cigarette according to Claim 22, wherein the ammonium-containing compound filler consists essentially of magnesium ammonium phosphate and/or calcium ammonium phosphate.

24. A cigarette comprising a tobacco web surrounding a tobacco rod, a paper wrapper surrounding the tobacco web, and an optional filter at one end of the cigarette, the paper wrapper comprising a cellulosic web material and at least one filler therein, the filler being effective to reduce the content of gaseous components in mainstream smoke produced by combustion/pyrolysis of the cigarette.

15 25. The cigarette according to Claim 24, wherein the filler includes an ammonium-containing compound filler in an amount effective to reduce aldehyde content in the mainstream smoke produced upon combustion/pyrolysis of the cigarette.

20 26. A web comprising a cellulosic web material and a filler, at least a portion of said filler consisting essentially of magnesium ammonium phosphate and/or calcium ammonium phosphate.

27. A cigarette comprising a tobacco web surrounding a tobacco rod, a paper wrapper surrounding the tobacco web, and an optional filter at one end of the cigarette, the tobacco web comprising tobacco and at least one filler therein,

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the filler being effective to reduce the content of gaseous components in mainstream smoke produced by combustion/pyrolysis of the cigarette.

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